

CORRIGENDUM • OPEN ACCESS

Corrigendum: Simulating thick atmospheric turbulence in the lab with application to orbital angular momentum communication (2014 *New J. Phys.* [16 033020](#))

To cite this article: Brandon Rodenburg *et al* 2014 *New J. Phys.* **16** 089501

View the [article online](#) for updates and enhancements.

Related content

- [Corrigenda](#)
P.J. McCarthy, K.S. Riedel, O.J.W.F. Kardaun *et al.*
- [Corrigenda](#)
B.B. Kadomtsev
- [Corrigendum](#)
L.M. Kovrizhnykh, S.G. Shasharina and Yu.A. Volkov

Recent citations

- [J. Wu *et al*](#)
- [Resilience of hybrid optical angular momentum qubits to turbulence](#)
Osvaldo Jiménez Fariás *et al*



IOP | ebooks™

Bringing you innovative digital publishing with leading voices to create your essential collection of books in STEM research.

Start exploring the collection - download the first chapter of every title for free.

Corrigendum: Simulating thick atmospheric turbulence in the lab with application to orbital angular momentum communication (2014 *New J. Phys.* **16** 033020)

Brandon Rodenburg¹, Mohammad Mirhosseini¹, Mehul Malik¹, Omar S Magaña-Loaiza¹, Michael Yanakas¹, Laura Maher¹, Nicholas K Steinhoff², Glenn A Tyler² and Robert W Boyd^{1,3}

¹The Institute of Optics, University of Rochester, Rochester, NY 14627, USA

²The Optical Sciences Company, 1341 South Sunkist Street, Anaheim, CA 92806, USA

³Department of Physics, University of Ottawa, Ottawa, ON K1N 6N5, Canada

E-mail: Brandon.Rodenburg@gmail.com

Received 9 July 2014

Accepted for publication 9 July 2014

Published 5 August 2014

New Journal of Physics **16** (2014) 089501

doi:[10.1088/1367-2630/16/8/089501](https://doi.org/10.1088/1367-2630/16/8/089501)

We wish to report a typographical error made in the preparation of our manuscript. Specifically, on line 10 of the second paragraph of page 5, we quote values of the parameters that we use to simulate the turbulence. The distances we quote are $z_1 = 171.7$ m and $z_2 = 1.538$ m. The first value is correct, but the second value should read $z_2 = 769$ m. The correct value was used in our laboratory studies, and thus the conclusions of the paper are not modified.

We thank Jeffery H Shapiro of MIT for pointing out to us an inconsistency in our published paper, which we subsequently traced to the incorrect value of z_2 quoted in the text.



Content from this work may be used under the terms of the [Creative Commons Attribution 3.0 licence](https://creativecommons.org/licenses/by/3.0/). Any further distribution of this work must maintain attribution to the author(s) and the title of the work, journal citation and DOI.